

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("20060116498").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/04 11:56
L2	1	("7022784").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/04 11:57
L3	1	("6872692").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/04 12:06
L4	14391	"pour point"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/04 12:10
L5	8395	"cloud point"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/04 12:10
L6	1612	L4 and L5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/04 12:13
L7	23364	ethylene near5 alpha near5 olefin near5 copolymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/04 12:11
L8	705	ethylene near5 alphaolefin near5 copolymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/04 12:12
L9	16233	ethylene near5 butene near5 copolymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/04 12:12
L10	5527	ethylene near5 hexene near5 copolymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/04 12:12
L11	5412	ethylene near5 octene near5 copolymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/04 12:12
L12	225	ethylene near5 decene near5 copolymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/04 12:12
L13	4	L4 and L5 and L12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/04 12:16
L14	8	L4 and L5 and L11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/04 12:18

## EAST Search History

L15	5	L4 and L5 and L10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/04 12:18
L16	24	L4 and L5 and L9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/04 12:24
L17	4	((("6124513") or ("6548723") or ("20030055184") or ("4967032"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/06/04 12:25
L18	0	"head to tail"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:25
L19	5299	"head-to-tail"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:25
L20	3516	"head-to-head"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:25
L21	805	"tail-to-tail"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:25
L22	91	"tail-to-head"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:26
L23	0	L12 and ((L19 or L22) and L20 and L21)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:26
L24	4	L11 and ((L19 or L22) and L20 and L21)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:27
L25	1	L10 and ((L19 or L22) and L20 and L21)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:39
L26	311	L19 and ((L19 or L22) and L20 and L21)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:28
L27	2	L19 and ((L19 or L22) and L20 and L21) and "L45"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:28

## EAST Search History

L28	7	L19 and ((L19 or L22) and L20 and L21) and L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:29
L29	47	L19 and ((L19 or L22) and L20 and L21) and oligomer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:30
L30	43	L19 and ((L19 or L22) and L20 and L21) and oligomeric	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:31
L31	213	L19 and ((L19 or L22) and L20 and L21) and "molecular weight"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:31
L32	79	L19 and ((L19 or L22) and L20 and L21) and "low molecular weight"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:33
L33	198	L26 not (L29 or L30 or L32)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:36
L34	25	L33 and viscosity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:35
L35	2	L33 and lubricant	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:35
L36	0	L33 and basestock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:35
L37	0	L33 and raffinate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:35
L38	173	L33 not L34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:36
L39	2	(L33 not L34) and isomerization	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:36
L40	0	(L33 not L34) and isomerized	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:37

## EAST Search History

L41	5	(L33 not L34) and hydrogenation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:37
L42	35	(L33 not L34) and hydrogenated	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:38
L43	138	L38 not L42	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:38
L44	0	L8 and ((L19 or L22) and L20 and L21)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:39
L45	5	L7 and ((L19 or L22) and L20 and L21)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:41
L46	13	L7 and ((L19 or L22) and L20)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:42
L47	75	L7 and hydrogenat\$4 and isomeriz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:43
L48	43	(L7 and hydrogenat\$4 and isomeriz\$4) and L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:43
L49	7	(L7 and hydrogenat\$4 and isomeriz\$4) and L4 and L5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 12:46
L50	36	L48 not L49	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/04 14:36